UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/630,283	07/29/2003	Charles W. Kaufman	LOT920030007US1	9707

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EXAMINER
DADA, BEEMNET W

ART UNIT	PAPER NUMBER
2135	

NOTIFICATION DATE	DELIVERY MODE
03/13/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

PTOCommunications@hwdpatents.com

<table>
<tr><td rowspan="3">Office Action Summary</td><td>Application No.
10/630,283</td><td>Applicant(s)
KAUFMAN ET AL.</td><td></td></tr>
<tr><td>Examiner</td><td>Art Unit</td><td></td></tr>
<tr><td>BEEMNET W. DADA</td><td>2135</td><td></td></tr>
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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>03 December 2007</u>.

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-39</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-39</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

DETAILED ACTION

1.   This office action is in reply to an amendment filed on December 03, 2007. Claims 1, 2,

11, 18, 29 and 30 have been amended. Claims 1-39 are pending.

Response to Arguments

Applicant's arguments with respect to claims 1-39 have been considered but are moot in

view of the new ground(s) of rejection (See claim rejections below for citations and explanation

for newly added limitations). Examiner would also point out that, after further consideration,

Claims 18-28 are found to be directed to a non-statutory subject matter and therefore are

rejected under 35 USC 101 (see claim rejection below).

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of
matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the
conditions and requirements of this title.

Claims 18-28 are rejected under 35 U.S.C. 101 because the claimed invention is

directed to non-statutory subject matter.

Claims 18-28 are directed to a system for protecting a distributed application user. The

examiner respectfully asserts that the claimed subject matter does not fall within the statutory

classes listed in 35 USC 101. Claim 18 recites a security, association and command checking

system, defined in the specification to be implemented through software [see specification

pages 13-14, paragraph 0031] and therefore, the recited claims are directed to functional

descriptive material. Generally functional descriptive material (i.e., software) is statutory when it

is stored on a tangible computer readable storage medium. Claim 18 is rejected as being

directed to a functional descriptive material. Claims 19-28 depend from claim 18 and therefore

are rejected under the same rationale.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Levergood

et al. US 5,708,780 (hereinafter Levergood) in view of applicant's own admitted prior art

(hereinafter AAPA)

As per claims 1, 3, 8-11, 18, 20, 24, 26-29, 31 and 35, Levergood teaches a method for

protecting a distributed application user, comprising:

providing a distributed application on a server (i.e., web-pages on a server) [column 5,

lines 17-41];

authenticating a user of the distributed application [column 5, lines 41-50 and column 6,

lines 27-50];

determining, on the server, a security value for the authenticated user (i.e., SID is

generated for an authenticated user) [column 5, lines 41-64 and column 6, lines 53-column 7,

line 13];

associating the security value with a set of uniform resource locators (URLs)

corresponding to a set of commands of the distributed application [column 5, line 49-column 6,

line 4 and column 7, lines 14-31];

communicating the security value to a client operated by the authenticated user [column 5, line 49-column 6, line 4 and column 7, lines 14-31];

receiving one of the set of URLs on the server from the client [column 5, line 64-column 6, line 16 and column 7, lines 14-21]; and

checking the one URL for the security value (i.e., check if SID is attached to the URL) [column 5, lines 41-49 and column 6, line 65-column 6, lines 26 and column 7, lines 35-47], and returning an error message to the authenticated user if the security value is not found with the one command, wherein the error message prompts the authenticated user for confirmation before the one command can be executed (i.e., if SID is not detected with the URL, redirecting it back to the client and requesting the client to submit authentication credentials again for validation/confirmation column 5, lines 46-50 and column 7, lines 41-49).

Levergood teaches associating the security value with a set of uniform resource locators (URLs) corresponding to a set of commands of the distributed application [column 5, line 49-column 6, line 4 and column 7, lines 14-31], but is silent on a command comprising a command that can be used in a malicious attack against authenticated user. However, AAPA teaches associating the security value with a set of uniform resource locators (URLs) corresponding to a set of commands of the distributed application, wherein each command comprises a command that can be used in malicious attack against authenticated user [see specification pages 1-2 paragraphs 2-4]. Therefore, it would have been obvious to one having ordinary skill in the art at the time of applicant's invention to employ the teachings of AAPA within the system of Levergood in order to enhance the security of the system.

As per claims 2, 12, 19 and 30, AAPA further teaches the method, wherein the one command comprises a command to delete files of the authenticated user [see specification pages 1-2 paragraphs 2-4].

As per claims 4, 21 and 32, Levergood further teaches the method wherein the security value is a pseudo-random number (i.e., session identifier including user identifier, column 3, lines 34-41).

As per claims 5, 17, 22 and 33, Levergood further teaches the method further comprising storing the security value on the server [column 6, lines 5-23].

As per claims 6, 13, 23 and 34, Levergood further teaches the method further comprising: associating the security value with session information corresponding to the authenticated user, and communicating the session information and the security value to the authenticated user [column 6, lines 5-23 and column 7, lines 14-21].

As per claims 7, 25 and 36, Levergood further teaches the method wherein the authenticated user operates a client that communicates with the server [column 6, lines 22-26].

As per claims 14 and 37, Levergood further teaches the method wherein the associating step comprises appending the security value to a set of URLs corresponding to a set of commands of the distributed application [column 5, line 49-column 6, line 4 and column 7, lines 14-31].

As per claims 15 and 38, Levergood further teaches the method wherein the one URL is

pre-constructed on the server, and wherein client receives the one URL and the associated

security value from the server [column 7, lines 14-33].

As per claims 16 and 39, Levergood further teaches the method wherein the one URL is

constructed on the client, and wherein the associating step comprises, extracting the security

value on the client, and appending the security value to the one URL [column 5, lines52-65].

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner

should be directed to BEEMNET W. DADA whose telephone number is (571)272-3847. The

examiner can normally be reached on Monday - Friday (9:00 am - 5:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private

PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you

would like assistance from a USPTO Customer Service Representative or access to the

automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Beemnet W Dada/

Examiner, Art Unit 2135

March 1, 2008

Application Number	Application/Control No.	Applicant(s)/Patent under Reexamination
	10/630,283	KAUFMAN ET AL.
	Examiner	**Art Unit**
	BEEMNET W. DADA	2135